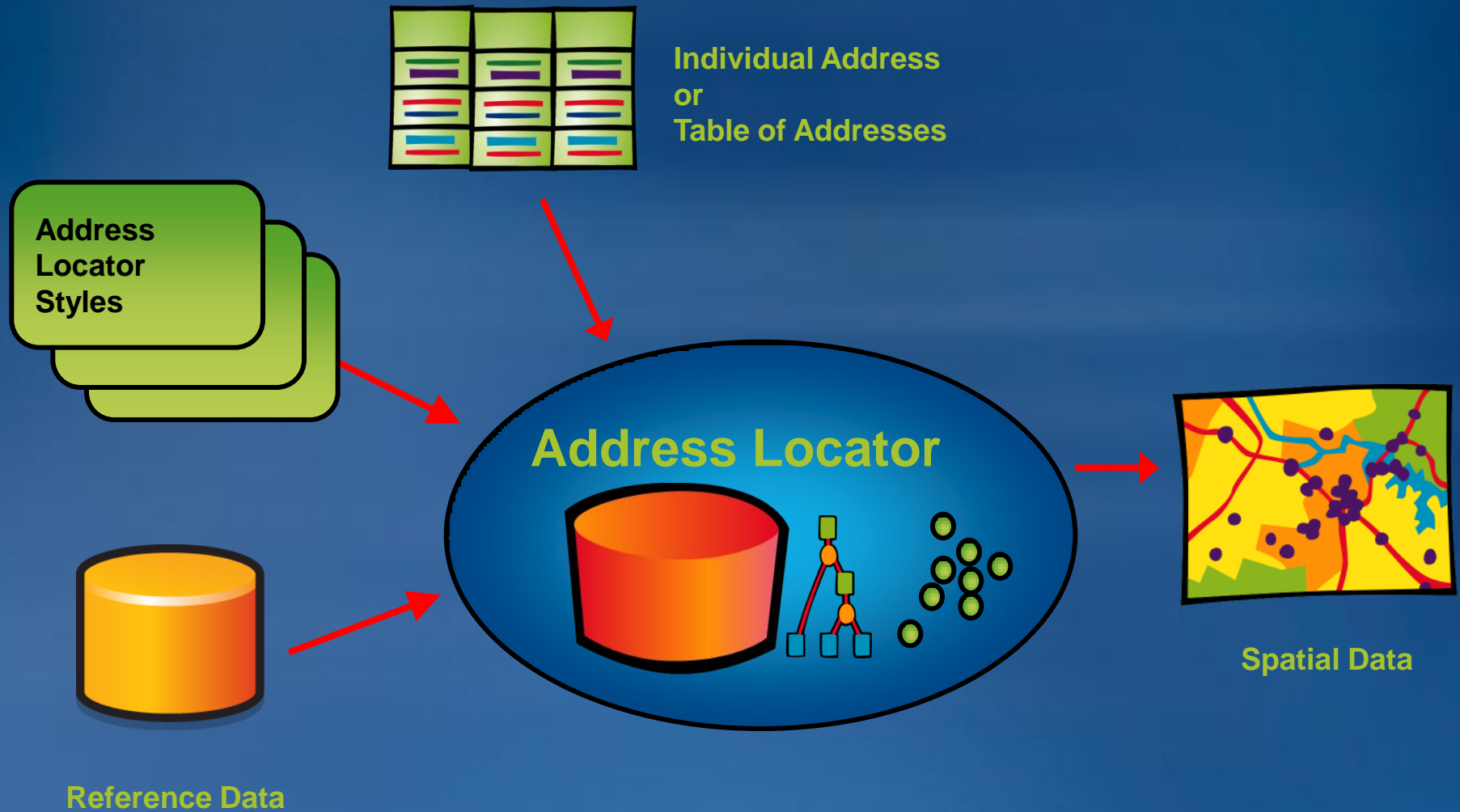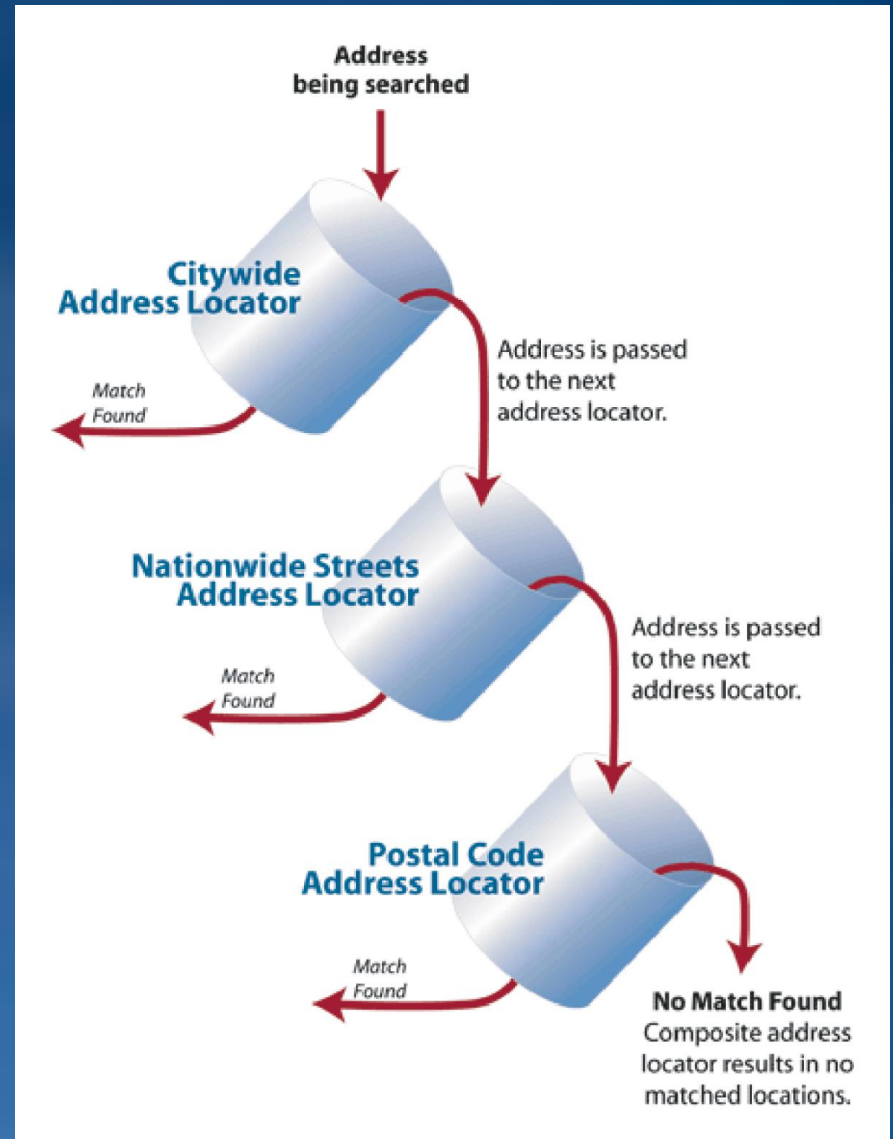# Geocoding with ArcGIS

Brian Chong

Agenda

- **What is an Address Locator?**

- **How to share an Address Locator?**

- **Planning for a locator service**

What is an Address Locator?

Composite Address Locator

- **Combines multiple locator**

- **Geocode against multiple datasets**

- **Cascade/Fallback geocoding**

Address being searched

Citywide Address Locator

Match Found

Address is passed to the next address locator.

Nationwide Streets Address Locator

Match Found

Address is passed to the next address locator.

Postal Code Address Locator

Match Found

No Match Found
Composite address locator results in no matched locations.

How to share your Address Locator?

Mobile Users

GIS Users

Web Users

ArcGIS Servers
host locator service

ArcGIS Desktop
creates address locator

easy to share, manage and consumed

Planning for a Locator Service

1. **Identify users and uses**

2. **Plan locators**

3. **Capacity Planning**

4. **Design-Build-Test**

leverage ESRI's resources

Summary

- **Address Locator**
  - **customizable locators**

- **Sharing Address Locator as a service**
  - **easily shared, managed and consumed**

- **Planning for a locator service**
  - **leverage ESRI resources to help**